

KALISHEV, A.A.; LOZOVY, A.V.; POBELINA, D.P.; SOVETOVA, L.S.; SHAGINA, L.N.

Chemical products from nonpyrolyzed tar obtained by continuous coking of Kuznetsk coal. Izv.Sib.otd.AN SSSR no.12:88-95 '60. (MIRA 14:2)

1. Institut goryuchikh iskopayemykh AN SSSR.  
(Coal-tar products)

FYGES, Ye.G.; DANILOVA, L.I.; SHAGINA, M.A.

Determining the thickness of fabrics. Standartizatsiia 28  
no.3:48-52 Mr'64. (MIRA 17:5)

SHAGINA, T. G.

"Rare Case of Localization of Extra-Sexual Chancre," Vest. Venerol. i Dermatol., No. 1,  
1949. Hosp. Physician, Dermato-Venereal Diseases Clinic, Ivanovo State Med. Inst.,  
-cl949-.

SHAGINA, T.G.

Employment of patients with hypertension. Sov.med. 21 no.1:121-123  
Ja '57. (MLRA 10:6)

1. Iz Ivanovskogo filiala (dir. - zaslužennyy vrach RSFSR,  
kandidat meditsinskikh nauk V.A.Il'inskaya) Tsentral'nogo nauchno-  
issledovatel'skogo instituta ekspertizy trudosposobnosti i organi-  
zatsii truda invalidov Ministerstva sotsial'nogo obespecheniya  
RSFSR.

(INDUSTRY AND OCCUPATION  
employment of hypertensives)  
(HYPERTENSION  
same)

SHAGINOV, D. L.

Author: Shaginov, D. L.

Title: Machine construction. Textbook designed for the construction technical institutes. (Stroitel'nye mashiny.)

City: Moscow

Publisher: State Printing House of Construction Literature

Date: 1949

Available: Library of Congress

Source: Monthly List of Russian Accessions, V. 4, No. 2, May 1951, p. 100

Call No: TH900.V3

Subject:-----

SHAGINOV, Dmitriy Luk'yanovich; TUSHNYAKOV, M.D., inzhener, nauchnyy redaktor;  
BEGAK, B.A., redaktor izdatel'stva; ISLANT'YEVA, P.G., tekhnicheskii  
redaktor; EL'KINA, E.M., tekhnicheskii redaktor

[Building machinery] Stroitel'nye mashiny. Izd. 2-oe, dop. i perer.  
Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 410 p.  
(Building machinery) (MLRA 10:3)

SHAGINOV, Dmitriy Luk'yanovich; LUKASH, O.Yu. [translator]  
ALEKSANDROVSKIY, A. [Oleksandrova'kyi, O.], red.; NEMCHENKO, I.,  
tekhn.red.

[Building machinery] Budivel'ni mashyny. Kyiv, Derzh.vyd-vo  
lit-ry z budivnytstva i arkhitektury. URSR, 1959. 367 p. (MIRA 13:2)  
(Building machinery)

DOMBROVSKIY, N.G., prof., doktor tekhn.nauk; SHAGINOV, D.L., dots.;  
RUSAK, P.M., inzh.

"Making reinforcements for precast concrete elements" by N.E.  
Nosenko. Reviewed by N.G. Dombrovskii, D.L. Shaginov, Nov.tekh.  
mont. i spets.rab.v stroi. 21 no.1:3 of cover Ja '89.

(MIRA 12:1)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR  
(for Dombrovskiy).

(Reinforced concrete) (Nosenko, N.E.)



VORONTSOV-VEL'YAMINOV, Nikolay Pavlovich, dotsent; SHAGINOV, Dmitriy Luk'ya-  
novich, dotsent; PETROV, Nikolay Mitrofanovich, dotsent. Prinsipal  
uchastiye POPOV, N.N., dotsent. DOMBROVSKIY, N.G., prof., doktor  
tekhn.nauk, red.; BELOV, B.A., inzh., nauchnyy red.; REYSH, A.K., inzh.,  
nauchnyy red.; UDOD, V.Ya., red.izd-va; NAUMOVA, G.D., tekhn.red.

[Building machinery; album of drawings] Stroitel'nye mashiny; al'bom  
chertezhei. Pod red. N.G.Dombrovskogo. Moskva, Gos.izd-vo lit-ry po  
stroit., arkhitekt. i stroit. materialam, 1960. 5 p. 294 p. of diagrs.  
(MIRA 13:12)

1. Kafedra "Stroitel'nyye mashiny" Moskovskogo ordena Trudovogo Krasnogo  
Znameni inzhenerno-stroitel'nogo instituta imeni V.V.Kuybysheva (for  
Vorontsov-Vel'yaminov, Shaginov, Petrov). 2. Voenno-transportnaya  
akademiya (for Popov).

(Building machinery)

SUSNIKOV, Aleksandr Alekseyevich; KALACHEV, Valeriy Aleksandrovich;  
LAPIR, Flaviy Al'bertovich; ROZANOV, Nikolay Petrovich;  
FOLOMEYEV, Aleksandr Alekseyevich; SHAGINOV, D.L., dotsent,  
retsenzent; KOLDOMASOV, Ye.I., red.; DANILOV, L.N., red. izd-va;  
MODEL', B.I., tekhn.red.

[Equipment for plants manufacturing reinforced-concrete products]  
Oborudovanie zavodov zhelezobetonnykh izdelii. Moskva, Gos.  
nauchno-tekhn.izd-vo mashinostroit.lit-ry. 1960. 209 p.  
(Precast concrete) (MIRA 13:12)

LAPIR, F.A.; SUSNIKOV, A.A.; SHAGINOV, D.L., dots.; OGIYEVICH, A.I.,  
kand.tekhn.nauk,retsenzent; IONOV,P.M.,inzh.,red.; SMIRNOVA,G.V.,  
tekhn.red.

[Mechanical equipment of plants manufacturing precast reinforced  
concrete elements; atlas of technical drawings]Mekhanicheskoe  
oborudovanie zavodov sbornyykh zhelezobetonnykh izdelii; atlas  
konstruktsii. Pod red. D.L.Shaginoval. Moskva, Mashgiz, 1962.  
128 p. (MIRA 15:12)

(Concrete plants--Equipment and supplies)

L50531-65 EWT(m)/EPF(c)/EWP(j)/T PC-4/Pr-4 RM  
 UR/0020/65/161/001/0154/0153 21  
 20  
 3

ACCESSION NR: AP5009226  
 AUTHOR: Ivanov, V.V.; Shaginyan, A.A.; Yenikolopyan, N.S.

TITLE: Molecular weight distribution of polymers during chain transfer with breaking

SOURCE: AN SSSR. Doklady, v. 161, no. 1, 1965, 154-155

TOPIC TAGS: polymer chain transfer, polymer chain rupture, molecular weight distribution, ionic polymerization, heteropolymer

ABSTRACT: Ionic polymerization of monomers leading to the formation of macromolecules with hetero atoms in the chain involves, in addition to the four elementary events of generation, growth, breakdown, and chain transfer, a fifth event of chain transfer with breaking, which constitutes a special type of transfer of the chain to the polymer. This event, without changing the average numerical molecular weight, causes a change in the molecular weight distribution, which is treated theoretically in the article.  
 A distribution function is obtained:

$$R_j = \frac{R}{P} e^{-j/P}$$

where  $R_j$  is the concentration of molecules containing  $j$  monomeric units. The form of this function is analogous to that of a Maxwell-Boltzmann distribution; this is due to the fact  
 Card 1/2

L 50932-65

ACCESSION NR: AP5009226

that the redistribution on the chain lengths of the colliding macromolecules is analogous to the redistribution of the particle energies for random collisions. Orig. art. has formulas and 1 figure.

ASSOCIATION: Institut Khimicheskoy fiziki Akademii nauk SSSR (Institute of Chemical physics, Academic Sciences, SSSR)

SUBMITTED: 12 Aug 64

ENCL: 00

SUB CODE: GC, OC

NO REF SOV: 000

OTHER: 001

Card 2/2

IVANOV, V.V.; SHAGINYAN, A.A.; VOLKOV, V.P.; YENIKOLOPYAN, N.S.

Effect of chain transfer reaction with termination on the  
molecular weight distribution of polymers and oligomers.  
Vysokom.soed. 7 no.10:1830-1834 O '65.

(MIRA 18:11)

1. Institut khimicheskoy fiziki AN SSSR.

SHAGINYAN, A.A.; YENIKOLOPYAN, N.S.

Change in the average degree of polymerization of a polymer in the course of polymerization with transfer to impurities. Vyso-  
kom. soed. 7 no.11:1866-1871 N '65. (MIRA 19:1)

1. Institut khimicheskoy fiziki AN SSSR. Submitted December 4, 1964.

L 27329-66 EWT(m)/EWP(j)/T IJP(c) RM-

ACC NR: AP6008964

(A)

SOURCE CODE: UR/0190/65/007/011/1872/1876

AUTHORS: Shaginyan, A. A.; Minin, V. A.; Kedrina, N. F.; Yenikolopyan, N. S.;

ORG: Institute of Chemical Physics, AN SSSR (Institut khimicheskoy fiziki AN SSSR)

TITLE: Some characteristics of the polymerization kinetics of formaldehyde in the presence of diethylaminoethanol as catalyst (6th report in the series "Polymerization of formaldehyde")

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 11, 1965, 1872-1876

TOPIC TAGS: polymerization kinetics, catalytic polymerization, formaldehyde

ABSTRACT: Polymerization kinetics of a 23.3 mole/l solution of formaldehyde in toluene (at -30C and in the presence of diethylaminoethanol) was investigated, with the concentration of the latter being varied from 0.5 to  $3 \times 10^{-4}$  mole/l. A dilatometric method, details of which are given in an earlier work (N. F. Proshlyakova, I. F. Sanaya, and N. S. Yenikolopyan, Vysokomolek. soyed. 5, 1632, 1963), was employed in the study of the kinetics. The general shape of the kinetic curves obtained is shown in Fig. 1. It was established that the formaldehyde polymerization is greater than third order, while, with respect to the

Card 1/2

UDC: 66.095.264+678.5



L 27329-66

ACC NR: AP6008964

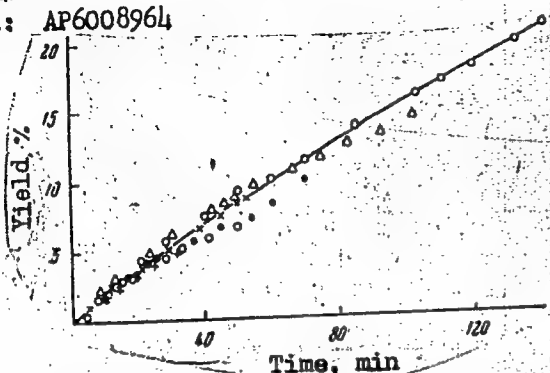


Fig. 1. General shape of kinetic curves of formaldehyde polymerization in the presence of diethylaminoethanol.

catalyst concentration, the reaction is of the first order. An unusual relationship between the molecular weight of polyformaldehyde and its yield was observed, the highest molecular weight being obtained at 10% yield. A qualitative mechanism explaining this phenomenon is offered. Orig. art. has: 6 figures and 7 equations.

SUB CODE: 07/

SUBM DATE: 04Dec64/ ORIG REF: 007/

OTH REF: 002

Card 2/2

20

K teorii vvestennykh ortogonal'nykh polinorov na ploskosti kompleksnogo  
pechenogo. DAN, 15 (1937) 425-428.

So: Mathematics in the USSR, 1917-1947

edited by Kurosh, A. G.

Larkushevich, A. I.

Rashevskiy, P. K.

Moscow-Leningrad, 1948

Ob approksimatsii polinorami v nezhordanovykh oblastiakh. DAN, 27  
(1940), 318-321.

SO: Mathematics in the USSR, 1917-1947

edited by Kurcsh, A. G.

Markushevich, A. I.

Rashevskiy, P. K.

Moscow-Leningrad, 1948

Markushevich, A. I.

K voprosu ob approksimatsii v srednem v kompleksnoy oblasti. IAN, ser.  
Matem, 5 (1941), 285-296.

So: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A. G.  
Markushevich, A. I.  
Rashevskiy, P. K.  
Moscow-Leningrad, 1948

SHAGINYAN, A. I.

Zametki po issledovaniyu polonoty rastional'nykh funktsiy v kompleksnoy oblasti, III.  
Yerevan, DAN, ARM SSR, 1:1-2 (1944), 5-8.

SO; Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SH-UNYAN, A. I.

Zametki po issledovaniyu priblizheniy polkovoty ratsional'n mi funktsiyami v kompleksnoy oblasti. DAN, 44 (1944), 51-55.

SO: Mathematics in the USSR, 1917-1947

edited by Kurosh, A.G.

Markushevich, A. I.

Rahevskiy, P. K.

Moscow-Leningrad, 1948.

SHAGINYAN, A. L.

ekstremal'nykh polinomakh, approksimiruyush-chikh funktsiyu, realizuyushchuyu konformnoye ot 'brazheniye oblasti na krug. DAN, 45 (1944) 54-56.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A. L.

Metod issledovaniya polnoty ratsional'nykh funktsiy v oblastiakh s nesvyaznym dopolneniyem  
i v neogranichennykh oblastiakh. M. DISSERTATSIYA (1945), 1-135.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A. G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948



SHAGINYAN, A. L.

O funktsiyakh, predstavivnykh integralom koshi-lebega. Yerevan, DAN, ARM SSR, 2 (1945) 99-102.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A. I.

Ob odnom priznake normal'nosti semeystva analiticheskikh funktsiy. Yerevan, DAN, Arm SSR,  
3 (1945) 33-38.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A. I.

Zametki po issledovaniyu priblizheniy ratsional'nykh funktsiyami v kompleksnoy oblasti,  
II. DAN, 48 (1945) 11-14.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A. L.

Ob obnom priznake nepolnoty sistemy analiticheskikh funktsiy. DAN, Arm SSR, 5 (1946).

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A.L.

[Complete systems of analytic functions in complex domains]  
O polnote semeistv analiticheskikh funktsii v kompleksnoi  
oblasti. Erevan, 1947. 59 p. (Akademiia nauk Armianskoi SSR,  
Erivan. Institut matematiki i mekhaniki. Soobshchenia, no. 1).  
(MLRA 9:5)

(Functions, Analytic)

SHAGINYAN, A. I.

O polnote semeystv analiticheskikh funktsiy v kompleksnoy oblasti. Yerevan, Izv. in-ta, matem. i mekh AN Arm SSR, 1 (1947) 3-59.

SO: Mathematics in the USSR, 1917-1947  
edited by Kurosh, A.G.,  
Markushevich, A.I.,  
Rashevskiy, P.K.  
Moscow-Leningrad, 1948

SHAGINYAN, A.L.

One class of quasi-analytical functions. Dokl. AN Arm. SSR 9  
no. 1:3-6 '48. (MIRA 9:10)

1. Deyatvitel'nyy chelen Akademii nauk Armyanskoy SSR. 2. Sektor  
Matematiki i Mekhaniki Akademii nauk Armyanskoy SSR, Yerevan.  
(Functions, Analytic)

SHAGINYAN, A. L.

Shaginyan, A. L. - "On a problem in the theory of quasi-analytic functions", Doklady (Akad. nauk arm. SSR), Vol. X, No. 3, 1949, p. 97-100, (Resume in Armenian).

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).



SHAGINYAN, A.L.

Best approximations in a non Jordanian domain. Dokl. AN Arm. SSR.  
11 no.1:3-5 '49. (MLRA 9:10)

1. Deystvitel'nyy chlen Akademii nauk Armyanskoy SSR.
2. Sektor matematiki i mekhaniki Akademii nauk Armyanskoy SSR, Yerevan.

(Approximate computation) (Topology)

SHAGINYAN, A. L.

MS V. Saginjan, A. L. Some problems of the theory of best approximation in space. Akad. Nauk Armyan. SSR. Izv. Fiz.-Mat. Estest. Tehn. Nauk 6 (1953), no. 3, 1-13. (Russian. Armenian summary) Functions in three variables are approximated by harmonic polynomials. Theorems of Bernstein, de la Vallée Poussin, Jackson type are derived which relate the measure of best approximation to the modulus of continuity of various derivatives. 1-F/W

Sector Math. & Mechanics, AS Arm SSR

CH 401741, 42.

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USSR/Mathematics - Approximation 11 May 53

"Optimum Approximations by Harmonic Polynomials  
in Space," A. L. Shaginyan, Act Mem Acad Sci Arm  
SSR, Sector of Math and Mech, Acad Sci Arm SSR

DAN SSSR, Vol 90, No 2, pp 141-144

Demonstrates theorems on 3-dimensional analogs  
to the one-argument inequalities encountered in  
ordinary Chebyshev approximations of functions,  
which inequalities permit one to evaluate the  
deriv of an ordinary or trigonometric polynomial  
according to a given max of the polynomial's  
modulus in a given aggregate.

260T69

SHAGINYAN, A.L.

Approximation in median harmonic polynomials. Dokl. AN Arm. SSR 19  
no.4:97-103 '54. (MIRA 8:7)

1. Deystvitel'nyy chlen Akademii nauk Armyanskoy SSR.  
(Approximate computation) (Polynomials)

SHAGINYAN, A. L.

Math

✓ Saginyan, A. L. On the rapidity of polynomial approximation on arbitrary sets. Akad. Nauk Armyan. SSR. Izv. Fiz.-Mat. Estest. Tehn. Nauk 8 (1955), no. 3, 1-31. (Russian. Armenian summary)

Let  $E$  be a bounded closed set with simply connected complement. Let  $w = \phi(z)$  be the function which maps  $CE$  conformally on  $|w| > 1$ ,  $\phi(\infty) = \infty$ ,  $\phi'(\infty) > 0$ .

The first part of the paper gives estimates for  $|\phi(z)|$  in terms of geometrical quantities connected with the configuration of  $E$ . A typical result is as follows: Let  $E$  be in  $|z| \leq d$ , let  $L: z = \pi(s)$  ( $s$  arc-length of  $L$ ) be a closed, rectifiable curve in  $CE$  surrounding  $E$  and lying in  $|z| \leq d_0$ . Then for  $z_0 \in L$

$$\log |\phi(z_0)| \geq (d_0/2d) \exp(-\int_L ds/\rho(s)),$$

where  $\rho(s)$  is the distance of  $z(s)$  from  $E$ . The method of proof is closely related to a method used by R. Nevanlinna [Eindeutige analytische Funktionen, 2nd ed., Springer, Berlin, 1953, Th. 5, p. 84; MR 15, 208]. In the second part of the paper the results obtained are applied to the uniform approximation by polynomials of functions analytic on  $E$ .

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Sector Maths. + Mechanics, AS Arm SSR

Sagin, A.L.

If  $f(z)$  is analytic in a neighborhood  $N$  of  $E$ , it is shown that there is a polynomial  $P$  of degree  $n$ , such that  $|f-P| < Ae^{-Ab}$ , where  $A$  and  $B$  are constants depending on  $N$  whose dependence on  $N$  is made explicit. An example shows that the results come close to being best possible. The third part of the paper deals with (weighted) uniform approximation by polynomials to functions analytic in certain closed, unbounded regions. For certain classes of such functions estimates are obtained for the rate of decrease of weight functions as  $|z| \rightarrow \infty$  for which uniform approximation within  $\epsilon$  is possible. The exact statements are too long to be reproduced here. *W. H. J. Fuchs.*

3/2

SHAGINYAN, A. L.  
SHAGINYAN, A. L.

Saginyan, A. L. On the speed of polynomial approximation on continua. Dokl. Akad. Nauk SSSR (N.S.) 104 (1955), 190-192; errata, 107 (1956), 8. (Russian)  
Notations:  $\Omega$  est l'intérieur d'une courbe simple rectifiable  $L$ ;  $E$  est un compact dans  $\Omega$ , de diamètre  $2d$ ; la distance de  $L$  au disque de diamètre  $2d$  recouvrant  $E$  est  $2d\alpha$ ;  $\rho(s)$  est la distance à  $E$  du point d'abscisse curviligne  $s$  sur  $L$ ; posons  $K = \alpha \exp\{-\int_L \rho(s) ds\}$ . Voici les principaux résultats annoncés. Th. 1. Supposons connexe le complémentaire  $E_\infty$  de  $E$ , et soit  $G(z) = G(z, \infty)$  la fonction de Green de  $E_\infty$ ; alors on a, sur  $L$ ,  $G(z) > K$ . Th. 2. Si  $f(z)$  est holomorphe dans  $\Omega$ , continue et de module  $\leq 1$  dans  $\bar{\Omega}$ , il existe pour chaque  $n$  un polynôme  $P_n(z)$  de degré  $\leq n$  tel que, sur  $E$ ,  $|f(z) - P_n(z)| \leq C \exp[-Kn]$  où  $C$  ne dépend que de  $\Omega$  et  $E$ . [Comparer à Mergelyan, mêmes Dokl. (N.S.) 91 (1953), 1271-1274; MR 15, 524.]  
J. P. Kahane (Montpellier)

Comm. Mbr, AS Arm. SSR  
Sector Math + Mech, AS Arm SSR

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp. Mention is made of Kreyn, M. G.

There are 3 references, 2 of which are USSR, and 1 English.

Chebotarev, G. N. (Kazan'). Some Matrix Equations and Their Application for Solving in Closed Form Riemann Boundary Problem for Pair Function Systems and for Solving of Systems of Linear Differential Equations. 110-111

Chelidze, V. G. (Tbilisi). Some Summation Methods of Multiple Series. 111

Chibrikova, L. I. (Kazan'). On Riemann Boundary Problem of Automorphic Functions. 111

Shaginyan, A. L. (Yerevan). The Velocity of Polynomial Approximation on a Closed Set. 111-112

Mention is made of Lavrent'yev, M. A.

There is 1 USSR reference.  
Card 35/80



SHAGINYAN, A.L.

Theory of one-sheeted functions. Izv. AN Arm. SSR. Ser. PMST nauk 9  
no.7:29-35 '56. (MLA 9:11)

1. Institut matematiki i mekhaniki AN Aranyanskoy SSR.  
(Conformal mapping)

SHAGINYAN, A.L.

On Shottky and Piccard's theorems. Izv. AN Arm. SSR. Ser. fiz.-mat.  
nauk 10 no.1:9-19 '57. (MLRA 10:6)

1. Institut matematiki i mekhaniki Akademii nauk Armvanskoy SSR.  
(Functions, Analytic) (Series, Taylor's)

SHAGINYAN, A.L., akademik

On one inequality in the theory of analytic functions and on  
some of its applications. Report No.1. Dokl. AN Arm. SSR 27  
no.5:257-262 '58. (MIRA 12:5)

1. Institut matematiki i mekhaniki AN Arm. SSR, AN Arm. SSR.  
(Inequalities (Mathematics)  
(Functions, Analytic))

16(1)

AUTHOR: Shaginyan, A.L.

SOV/22-12-1-1/8

TITLE: On a Fundamental Inequality of the Theory of Functions and its Applications (Ob odnom osnovnom neravenstve v teorii funktsiy i yeye prilozheniyakh)

PERIODICAL: Izvestiya Akademii nauk Armyanskoy SSR, Seriya fiziko-matematicheskikh; nauk, 1959, Vol 12, Nr 1, pp 3-26 (USSR)

ABSTRACT: Theorem : Let  $f(z)$  admit the representation

$$(1) \quad f(z) = e^{i\omega} B(z) e^{\int_0^{2\pi} \frac{e^{i\theta} + z}{e^{i\theta} - z} \lg p(\theta) d\theta}$$

where  $\omega$  is real and constant,  $B(z)$  a Blaschke product and  $\lg p(\theta)$  a summable function. Let  $\omega(t)$  be a continuous, not increasing function, where  $\int_E \frac{\omega(t)dt}{1-t} < \infty$ ,  $\omega(0) = 1$  is on every set  $E \subset [0,1)$ . Then for  $|z| < 1$  it holds the estimation

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On a Fundamental Inequality of the Theory of Functions SOV/22-12-1-1/8  
and its Applications

$$|f(z)| < A \exp \left\{ \frac{1-|z|}{4} \frac{\int_E \omega(|z|) \lg |f(z)| d|z|}{\int_E \frac{\omega(t) dt}{1-t}} + \right. \\ \left. + \frac{1}{\pi(1-|z|)} \int_0^{2\pi} \lg^+ |f(e^{i\varphi})| d\varphi \right\}$$

where it is

$$A = \exp \left\{ \frac{\int_E \frac{13+4}{1-t} \frac{\omega(t)}{1-t} dt}{\frac{1}{\pi} \int_E \frac{\omega(t)}{1-t} dt} \cdot \frac{1}{2\pi} \int_0^{2\pi} \lg^+ |f(e^{i\varphi})| d\varphi + C \right\}$$

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On a Fundamental Inequality of the Theory of Functions SOV/22-12-1-1/8  
and its Applications

$$C = 3 + \lambda + 13 \lg \frac{\lambda!}{|f^{(\lambda)}(0)|} + 4 \int_E \frac{\omega(t)}{1-t} dt$$

and  $\lambda$  denotes the order of the zero of  $f(z)$  in the zero point.  
Theorem : Let  $f(z)$  be holomorphic in  $|z| < 1$  and admit the representation (1) . Then from

$$|f(z)| < e^{-\frac{p(|z|)}{1-|z|}}$$

it follows that  $f(z) \equiv 0$  , if  $p(|z|)$  tends arbitrarily slowly to  $+\infty$  for  $|z| \rightarrow 1$  .

There are 5 references, 1 of which is Soviet, 2 are German, and 2 French.

ASSOCIATION: Institut matematiki i mekhaniki AN Armyanskoy SSR (Institute of Mathematics and Mechanics, AS Armenian SSR)

SUBMITTED: December 25, 1958

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66728

16(T) 16.3000

SOV/20-129-2-13/66

AUTHOR: Shaginyan, A.L., Academician, Academy of Sciences,  
Armenian SSR

TITLE: On Some Inequalities and Their Applications in the Theory of  
Functions

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 2, pp284-287 (USSR)

ABSTRACT: Let  $f(z)$  be meromorphic in  $|z| < 1$ ; let  $L$  be a Jordan arc  
from  $z=0$  to  $|z|=1$ ;  $E$  is assumed to be a point set on  $L$ ;  
 $E(r)$  is the part of  $E$  lying in  $|z| \leq r$ ;  $E(r)$  is assumed to be  
measurable along  $L$ . Problem: Estimate from above  $f(z)$  by the  
mean value of  $\lg|f(z)|$  on  $E$ . The author gives 4 complicated  
estimations, one of which he already announced in [Ref 1],  
from which he concludes four general theorems, e.g.:  
Theorem 1: If  $f(z) \neq 0$  is meromorphic in  $|z| < 1$ , then it is

$$(3) \quad \lim_{r \rightarrow 1} \left\{ \int_{E(r)} \omega(|t|) \lg|f(t)| d|t| / T[r + \vartheta(1-r)] \right\} > -\infty.$$

If, however, for an arbitrary  $f(z)$  the  $\lim_{r \rightarrow 1}$  of the same ex-

pression is  $= -\infty$ , then it is  $f(z) \equiv 0$ .

Here  $\omega(|t|)$  is a bounded ( $\omega(|t|) \leq 1$ ) nonnegative function  
of the complex argument  $t$  which is defined for  $t \in E$  and

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SOV/20-129-2-13/66

On Some Inequalities and Their Applications in the Theory of Functions

which satisfies

$$(1) \int_E \frac{\omega(|t|)d|t|}{1-|t|} < \infty;$$

$0 < \vartheta < 1$ ;  $T(r)$  characteristic function.

There is 1 Soviet reference.

ASSOCIATION: Institut matematiki i mekhaniki Akademii nauk ArmSSR  
(Institute of Mathematics and Mechanics AS ArmSSR)

SUBMITTED: June 1, 1959

Card 2/2



SHAGINYAN, A.L.

One problem of the theory of approximations in a complex region.  
Sib. mat. zhur. 1 no.3:523-544, S-O '60. (MIRA 14:2)  
(Approximate computation)

ACC NR: APT009118

SOURCE CODE: UR/0413/67/000/003/0108/0108

INVENTOR: Shaginyav, A. S.

ORG: None

TITLE: A torsion dynamometer for static testing machines. Class 42, No. 191164

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 3, 1967, 108

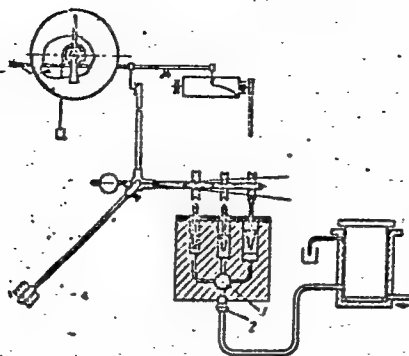
TOPIC TAGS: torsion strength, metallurgic testing machine, measuring instrument, force measurement

ABSTRACT: This Author's Certificate introduces a torsion dynamometer for static testing machines. The unit contains a set of force-measuring cylinders, a slide-valve distributor, a power lever connected through knife-edge bearings and the plunger rods of the force-measuring cylinders to an elastic torque element (torsion bar). The installation also incorporates a push lever rigidly connected to the moving end of the elastic element which moves the rack on the load measuring scale, and a chart drum which is rotated on ball bearings by a flexible connector fastened to the cylinder block and driven by the machine. The instrument is designed for improved accuracy, reduced time lag in the force measuring system and increased testing productivity. A hydraulic braking system of the valve type is connected to the input of the slide-valve distributor. This brake provides resistance to fluid flow only at the high velocities developed when the test specimen is destroyed.

Card 1/2

UDC: 620.172.215

ACC NR: AP7009118



1--slide-valve distributor; 2--hydraulic brake

SUB CODE: 13/ SUBM DATE: 02Jan63

Card 2/2

VERETENNIKOV, Ye.A.; SHAGINYAN, A.S.

Universal hydraulic machine of the MUGP  $\pm 2.5$  type. Zav. lab.  
31 no.1:133-135 '65. (MIRA 18:3)

1. Armavirskoye spetsial'noye konstruktorskoye byuro ispyta-  
tel'nykh mashin.

TSYMBALYUK, V.V.; SHAGINYAN, A.S.

Universal testing machine with an appliance for small-cycle  
repeated variable loads. Zav. lab. 31 no. 12:1539-1541 '65  
(MIRA 19:1)

1. Armavirskoye spetsial'noye konstruktorskoye byuro ispyta-  
tel'nykh mashin.

SHAGINYAN, D.A.

State of the fermentative function of the small intestine in small children having pneumonia. Pediatriia no.6:42-43 Je '57. (MIRA 10:10)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy) Tsentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P.Lebedeva)

(PNEUMONIA) (INTESTINES) (DIGESTIVE FERMENTS)

SHAGIN'YAN, D.A., Cand Med Sci -- (diss) "Effect of parenteral  
infection (oneirocrosis) <sup>of</sup> on the enzymes of the small intestine."  
Moscow, 1958, 12 pp (Min of Health USSR. Central Inst for the  
Advanced Training of Physicians) 200 copies (KL, 27-58, 119)

- 230 -

SHAGINYAN, G.

Tasks and needs of the furniture industry. Prom.Arm. 5 no.2:19-  
22 F '62. (MIRA 15:2)

1. Upravleniye derevoobrabatyvayushchey i lesnoy promyshlennosti  
Sovna.khoza Armyanskoy SSR.  
(Armenia---Furniture industry)



SHAGINYAN, G., inzh.

New materials and technology of their application in  
the manufacture of furniture in Armenia. Prom.Arm.  
5 no.10:29-31 0 '62. (MIRA 15:11)

1. Upravleniye derevoobrabatyvayushchey i lesnoy  
promyshlennosti Soveta narodnogo khozyaystva Armyanskoy  
SSR.

(Armenia--Furniture industry--Equipment and supplies)

L 02320-67 EWT(1)

ACC NR: AR6016572

SOURCE CODE: UR/0196/65/000/012/1022/1022

AUTHOR: Shaginyan, G.

TITLE: A 50/300 cps single-machine noncontact frequency converter with capacitor self-excitation

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 121150

REF SOURCE: Tr. Gor'kovsk. politekhn. in-ta, v. 20, no. 6, 1965, 118

TOPIC TAGS: frequency converter, electric motor, electric generator, motor generator

ABSTRACT: A brief description of a single-machine noncontact frequency converter which is the structural combination in a single magnetic system of two asynchronous machines: a squirrel-cage motor and a generator with capacitor self-excitation. The squirrel-cage rotor is common for both "machines". Its advantages over mass-produced noncontact frequency converters are pointed out. G. Salgus. [Translation of abstract]

SUB CODE: 10, 13

Card 1/1 vmb

UDC; 621.313.325

ACC NR: AR6021908

SOURCE CODE: UR/0196/66/000/003/I015/I015

AUTHOR: Baudas, A. M.; Nersesyan, V. S.; Shaginyan, G. A.

TITLE: Work of the Research Laboratory, Gor'kiy Polytechnic Institute im. A. A. Zhdanov, in the domain of brushless machine-type frequency changers

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 3I99

REF SOURCE: Sb. Vses. nauchno-tekhn. konferentsiya po primeneniyu vysokoskorostn. mashin s elektroprivodom povyshen. chastoty toka v nar. kh-ve, Ordzhonikidze, 1965, 52-56

TOPIC TAGS: frequency changer, brushless frequency changer, frequency converter, *electronic oscillator*

ABSTRACT: The investigation of induction brushless frequency changers and methods of their design is reported. Frequency changers intended for turning 3-phase, 50-cps voltage into 3-phase, 400-, 450-, or 500-cps voltage have been developed and tested. A frequency changer with a capacitor-type self-excitation is being developed. Two figures. Bibliography of 6 titles. G. Salgas [Translation of abstract]

SUB CODE: 09

Card 1/1

UDC: 621.314.261.001.5(047.31)-621.313.3

SHAGINYAN, L.B.

Automatic photometric titrators. Zav. lab. 31 no.8:1020-1031  
'65. (MIRA 18:9)

1. Konstruktorskoye byuro priborov i sredstv avtomatizatsii.

MANVELYAN, M.G.; KRMOYAN, T.V.; SHAGINYAN, L.G.

The study of electroconductivity of sodium aluminate solutions.  
Izv. AN Arm. SSR, Ser. khim. nauk v.10 no.5:305-313 '57.(MIRA 11:1)

1. Khimicheskiy institut AN ArmSSR.  
(Conductometric analysis) (Sodium aluminates--Electric properties)

SHAGINIAN, Marietta Sergeevna

SHAGINIAN, Marietta Sergeevna. Sovetskaia Armeniia. V.1-Armeniia sel'sko-khoziaistvennaia. Moskva, Gosizdat, 1923. 126 p. (Respubliki i oblasti SSSR).  
NN

SO: L, Soviet Geography, Part II, 1951/Unclassified.

SHAGINIAN, Marietta

SHAGINIAN, Marietta. Nagornyi Karabakh; ocherk. Moskva, Gosizdat, 1927. 39 p.  
NN

SO: LC, Soviet Geography, Part II, 1951/Unclassified.

SHAGINIAN, Marietta Sergeevna

SHAGINIAN, Marietta Sergeevna. Progolki po Armenii. Moskva, Gosizdat, 1927. 63 p.  
IN

SO: IC, Soviet Geography, Part II, 1951/Unclassified.



SHAGINIAN, Marietta Sergeevna

SHAGINIAN, Marietta Sergeevna. Zangezurskaia ried'. Moskva, Gosizdat, 1927. 56 p.  
DN

DIC: TM45.P9Sh8

SO: LC, Soviet Geography, Part II, 1951/Unclassified.

SHAGINIAN, MARIETTA SERGEEVNA.

SHAGINIAN, MARIETTA SERGEEVNA.

...Ural v oborone; dnevnik pisatel'ia. Moskva, Ogiz, Gos. izd-vo khudozhestvennoi literatury, 1944. 190 p.

Contents. -Dela i liudi. -Ural'skii gorod. -Is- kusstvo i nauka.

-Cherty epokhal'nogo tvorchestva.

DLC: Dh2.R8S5

CtY ICU IaU MH NN NNC WaU

SO: LC, Soviet Geography, Part I, 1951, Uncl.

SHAGINIAN, Marietta Sergeevna

SHAGINIAN, Marietta Sergeevna. Sovetskoe Zadavkaz'e; ocherki. Erevan, Armgiz,  
1947. 424 p. DLC: DK511.C1S5

CU ICU InU MH NN NNC

SO: LC, Soviet Geography, Part II, 1951/Unclassified

SHAGINIAN, MARIETTA SERGEEVNA.

SHAGINIAN, MARIETTA SERGEEVNA.

Po dorogam piatiletki; ocherki.

Moskva, Profizdat, 1947. 447 p.

CU MN RNC RFB DLC: HC335.S44

SO: LC, Soviet Geography, Part I, 1951, Uncl.

SHAGINIAN, Marietta Sergeevna

Puteshestvie po Sovetskoi Armenii. [Journey through Soviet Armenia]. [Moskva].  
Molodaia gvardiia, 1950. 300 p. illus., fold. map.

Bibliographical references included in "Primechania" (p. 268-301).

Contains description of railways, roads and bridges.

DLC: DS165.S48

SO: Soviet Transportation and Communication. A Bibliography, Library of Congress  
Reference Department, Washington, 1952, Unclassified.

SHAGINYAN, Mariyetta Sergeyevna, (1888- )

[Trip through Soviet Armenia] Puteshestvie po sovetskoi Armenii.  
Moskva. Sovetskii pisatel', 1952. 492p. (MLRA 9:5)  
(Armenia--Description and travel)

SURKOV, ALEKSEY; SHAGINYAN, MARIELTA

Russian Literature - History and Criticism

Writers' criticism on "The outline history of Soviet Russian Literature."  
Vest. AN SSSR 22, No. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

CHACINIAN, I.

Denmark - Description and Travel

Journey to Denmark. Krest'ianka 30 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, UNCL.



SHAGINYAN, Marietta; YARTSEV, G., redaktor.

[From Murmansk to Kerch; essays] Ot Murmansk do Kerchi. Ocherki.  
Moskva, Izd-vo "Pravda," 1954. 55 p. (Biblioteka "Ogonok," no. 39)  
(Russia--Description and travel) (MIRA 7:9)

SHAGINYAN, Marietta

Improve and preserve your health. Zdorov'e 2 no.1:6-8 Ja '56.  
(HYGIENE) (MIRA 9:3)

SHAGINYAN, Marietta, doktor filologicheskikh nauk

Academician S.G. Strumilin. Nauka i zhizn' 28 no.8:58-63  
Ag '61. (MIRA 14:8)

1. Chlen-korrespondent Akademii nauk Armyanskoy SSR.  
(Strumilin, Stanislav Gustavovich, 1877-)

SHAGINYAN, M. V.

SOV/50-59-2-24/55

Khmaladze, G. I.

3(7)  
AUTHOR:

Scientific Meeting at the Tbilisi Scientific Research Institute of Hydrometeorology (Nauchnaya sessiya v Tbilisskom nauchno-issledovatel'skom gidrometeorologicheskom institute)

TITLE:

Meteorologiya i gidrologiya, 1959, Nr 2, pp 70 - 71 (USSR)

PERIODICAL:

ABSTRACT: In May 1959 the Tbilisskiy nauchno-issledovatel'skiy gidrometeorologicheskii institut (Tbilisi Hydrometeorological Scientific Research Institute) held a meeting in which the following representatives participated: Representatives of the Tsentrallyy Institut prognozov (Central Forecasting Institute), Glavnyaya geofizicheskaya observatoriya (Main Geophysical Observatory), and the local administrations of the hydrometeorological services of the Transcaucasian Republics. On the occasion of the fifth anniversary of the Tbilisi Sigm on the director of the institute V. P. Gaidukov held a speech commemorating the event. Kh. P. Pogoyan (Tbil) spoke on the character of temperature distribution and the circulation of the atmosphere above the Antarctica. A. I. Gaidukov and Ye. A. Bephtaridze spoke on the character of the

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circulation processes above Transcaucasia. M. A. Zakharovskii reported on the typification of synoptical processes carried out in the Tbilisi Hydrometeorological Scientific Research Institute. Questions of hydrometeorology V. M. Gidmetshvili and V. P. Lomnadze spoke on the present state of the fight against hail. E. K. Khachikava spoke on the great amounts of precipitation on East Georgia. I. T. Kartishvili on meteorological visibility in cloudbursts. Ye. A. Polyakova (GGO) on the meteorological visibility in the case of precipitation and fog. G. K. Chikadze on the precipitation in Georgia in the course of 24 hours. E. V. Sukhishvili on the wind energy reserves of Georgia. Sh. V. Motise on the radiation and heat balances in the alpine zone of the Caucasus. Ye. B. Dvali on the radioactivity of the atmosphere in Tbilisi and Dusheti. Ye. A. Putsikidze on the albedo of different natural surfaces. Sh. G. Gvashvili (GMS of the Caucasus SSSR) on the ground temperature conditions in Tbilisi. V. M. Lomnadze on the method developed by him for forecasting the number of days with ice melt. Ye. P. Lomnadze on a method for the calculation of the values of rain water supply in floods. G. K. Kartishvili (GMS of the Caucasus SSSR) on the use of indicators of the atmospheric circulation in hydrological forecasts. The representative of the GMS of the Armanakaya SSR M. V. Shaginyan reported on the characteristic of the formation of spring water supply for spring floods on the rivers of Armenia. A. A. Pogoyan (GMS of the Armanakaya SSR) pointed to the special role of the snow cover of the belt between 1800 and 2400 m in the formation of the water supply for spring floods on the rivers of Armenia. V. P. Gaidukov spoke on the method of forecasting easily accessible humidity in the soil below grain cultures. E. P. Stolygin and Ye. A. Bephtaridze spoke on the periods set for the opening of vineyards in Transcaucasia. Sh. M. Kandelaki, L. A. Enfidash-Zan (GMS of the Caucasus SSSR), and E. B. Chervynskii spoke on the microclimatic conditions in the Ambulinsky massif in the Armanakaya SSR. In all, 27 papers were read.

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SHAGINYAN, M.V.

Characteristics of spring floods in river basins of Armenia.  
Trudy Tbil. NIGMI no.7:128-132 '60. (MIRA 14:8)  
(Armenia--Floods)

SHAGINYAN, M.V.

Distribution of the snow cover in river valleys of Armenia.  
Izv. AN Arm. SSR. Geol. i geog. nauki 13 no. 5:47-60 '60.  
(MIRA 13:12)

1. Armyanskoye upravleniye gidromet. sluzhby.  
(Armenia--Snow)

CHIGIRYAN, M.Y.

Formation of the maximum runoff of rivers in the Armenian  
S.S.R. Izv. AN Arm. SSR. Ser. 1 geog. nauki 16 no. 6:47-56 '63.  
(MIRA 17:5)

1. Upravleniye gidrometeorologicheskoy sluzhby Arm. SSR.

SHAGINYAN, O. N.

Shaginyan, O. N. - "Selection of Strawberry Types and Some Problems of Their Agricultural Engineering in the Lowland Suburban Zone of the City of Yerevan." Acad Sci Armenian SSR. Department of Biological Sciences. Yerevan, 1956 (Dissertation for the Degree of Candidate in Agricultural Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 116-127



SHAGINYAN, O.H.

Best strawberry varieties for the suburban lowlands near Erivan  
[in Armenian with summary in Russian]. Izv. AN Arm. SSR, Biol. i  
sel'khoz. nauki 9 no. 6: 45-54 Je '56. (MIRA 9:9).  
(Erivan--Strawberries)

SHAGINYAN, S.A.

Experimental study of prestressed reinforced stone beams made of  
tuff blocks. Izv.AN Arm.SSR,Ser.FMET nauk 1 no.4:327-342 '48.  
(MLBA 9:8)

1. Institut stroitel'nykh materialov i sooruzheniy Akademii nauk  
Armenyanskoy SSR.

(Building stone) (Girders)

SHAGINYAN, S.A.

Calculating prestressed reinforced stone structural elements. Izv.  
AN Arm.SSR.Ser.FMET nauk 1 no.2:141-152 '52. (MLRA 9:8)

1. Institut stroymaterialov i sooruzheniy Akademii nauk Armyanskoy  
SSR.

(Building stones) (Girders)

SHAGINYAN, S.A.

Deformation of light concrete by loads of short duration [with  
summary in English]. Trudy Inst.seism. AN Tadzh.SSR 71:59-73  
'57. (MIRA 11:11)

(Reinforced concrete--Testing)

SHAGINYAN, S.A.

Results of earthquake observations on the AIS-2 seismometer at  
Stalinabad. Dokl.AN Tadzh.SSR 1 no.4:3-9 '58. (MIRA 13:4)

1. Institut seysmostoykogo stroitel'stva i seysmologii AN  
Tadzhikskoy SSR. Predstavleno chlenom-korrespondentom AN  
Tadzhikskoy SSR V.A.Starikovym.  
(Stalinabad--Seismometry)

NAZAROV, A.G.; KARAPETYAN, B.K.; MUSAYELYAN, A.A.; PIRUZYAN, S.A.;  
SAFARYAN, A.N. [deceased]; SHAGINYAN, S.A.

Preliminary work results of the engineering seismological  
detachment of the Joint Tajik Seismological Expedition in  
the Stalinabad region. Izv. Otd. est. nauk AN Tadzh. SSR  
no.3:11-26 '59. (MIRA 15:5)

1. Institut seysmostoykogo stroitel'stva i seysmologii  
AN Tadzhikskoy SSR, Institut stroymaterialov i sooruzheniy  
AN Armyanskoy SSR i Institut stoitel'nogo dela AN Gruzinskoy  
SSR.

(Stalinabad region—Seismological research)

SHAGINYAN, S. A., NAZAROV, A. G.: KARAPETYAN, B. K.

"The Method of Direct Determinations of Reduced Spectra of Seismic Accelerations."

report submitted for the Second World Conference on Earthquake Engineering,  
Tokyo and Kyoto, Japan, 11-18 July 1960.

S/169/62/000/002/021/072  
D228/D301

AUTHOR: Shaginyan, S. A.

TITLE: Results of the instrumental determination of the coefficient of  $\beta$ -dynamism

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1962, 19-20, abstract 2A139 (Tr. In-ta seysmostoyk. str-va i seysmol., AN TadzhSSR, 8, 1960, 41-75)

TEXT: The records of 6 earthquakes with an intensity of 3-5 points obtained by ANC-2 (AIS-2) seismometers at 23 places in the Gissar Valley, are examined. The spectral curves of the cited seismic accelerations  $\tau$  have the same character as in the recording of explosions. Comparison of the spectral characteristics, obtained under different ground conditions, leads to the conclusion that depending on the nature of the ground and the depth of occurrence of the groundwaters the quantity  $C = \tau T$  may vary by 8 times for the same earthquake (here  $T$  is the period of pendulum oscillation). A table of the comparative intensity of seismic accelerations is given for

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Results of the instrumental ...

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D228/D301

dense limestone, gravel, and loess at a variable groundwater depth. The spectral dependence of  $B$  on  $T$ , which obeys the law  $B = 1.07/T$ , is constructed on the basis of the processing of the earthquake records in the limits  $0.05 \leq T \leq 1.2$  sec. At small periods (0.05 - 0.1 sec) this curve diverges strongly from the spectral curve adduced in the standards CH-8-57 (SN-8-57). Comparison of earthquake and explosion records corroborates the increase of seismic accelerations if the periods are small. This divergence is explained by reasons of a methodologic order (the low precision of high-frequency component recordings by means of the accelerograph) and by the possibility of the considerable scattering of high-frequency oscillations in the process of the interaction of the ground and the basement structure. On the basis of the performed work certain suggestions are given for changing and supplementing the SN-8-57 standards on determining the coefficient of  $B$ -dynamism. / Abstracter's note: Complete translation. /

Card 2/2

MEDVEDEV, S. V.; BUHE, V. I.; GZELISHVILI, I. A.; KARAPETYAN, B. K.;  
KATS, A. Z.; LYANZINA, G. A.; PIRUZYAN, S. A.; POPOV, V. V.;  
SAMKOV, B. N.; SHAGINYAN, S. A.

Instructions on conducting seismic microzoning. Trudy Inst. fiz.  
Zem. no.22. Vop. inzh. seism. no.7:112-122 '62.

(MIRA 15:10)

(Seismology)

SHAGINYAN, S.G.

Study of a section of a many-storied dwelling using a model and seismic explosion action. Izv. AN Arm. SSR. Ser. tekhn. nauk. 17 no.5:51-60 '64. (MIRA 18:4)

1. NIIGIS AN ArmSSR.

NAZAROV, A.G., akademik; KARAPETYAN, B.K.; SHAGINYAN, S.G.

Method for studying the seismic stability of structures on models subjected to seismic-explosion effects. Dokl. AN Arm. SSR 39 no. 3:177-180 '64. (MIRA 18:1)

1. Institut geofiziki i inzhenernoy seysmologii AN ArmSSR.
2. AN ArmSSR (for Nazarov).

L 27904-66 EWT(1)/EWA(h) GW

ACC NR: AP6017756

SOURCE CODE: UR/0173/65/018/005/0037/0041

AUTHOR: Shaginyan, S. G.

ORG: IGIS AN ArmSSR

TITLE: Statistical testing of a wall fragment from a large-section prefabricated apartment house

SOURCE: AN ArmSSR. Izvestiya. Seriya tekhnicheskikh nauk, v. 18, no. 5, 1965, 37-41

TOPIC TAGS: general construction, structural engineering, seismology

ABSTRACT: Results are presented from experimental testing of a fragment of the facade wall of a 4-story large-section prefabricated apartment house by the simultaneous application of vertical and horizontal loads. The tests were conducted to determine the probable behavior of the construction materials under seismic loads. The tests showed satisfactory agreement between experimental data and standards for the design of earthquake-proof buildings and structures. The form of the elastic axis of the fragment of the large section wall approaches a shear configuration, so that metal joints should be placed in the mortar seam between the walls and crosspiece sections. Orig. art. has: 1 table, 2 formulas and 4 figures. JPRS

SUB CODE: 08, 13 / SUBM DATE: 25Feb65/  
Card 1/1 BIG

SHAGINYAN, V.S., podpolkovnik med. sluzhby

Use of the KP-14 oxygen apparatus in combination with an aerosol  
installation. Voen.-med. zhur. no.1:87 Ja '59. (MIRA 12:3)

(OXYGEN--THERAPEUTIC USE)

(AEROSOL THERAPY)

1986. "Voprosy razvitiya tekhnicheskoy i obshchestvennoy ugleroda  
s terapevicheskoy tsel'yu pri ostroy formofats'olez'nykh raznostnykh s'tate.  
tr. arm. SVI, vyp. VII, str. 115-120

SHAGINYAN, Ye.G.

Water bath with thermostatic control. Lab. delo 4 no. 3:53-54  
My-Je '58 (MIRA 11:5)

1. Iz Nauchno-issledovatel'skogo instituta zhivotnovodstva i  
vetrinarii, Yerevan.  
(LABORATORIES--EQUIPMENT AND SUPPLIES)



FLINT, Yevgeniy Yevgen'yevich, prof.; SHAGIROVA, I.M., red.; GOROKHOVA,  
S.S., tekhn. red.

[Fundamentals of crystallography] Nachala kristallografii. Izd.2.  
Moskva, Gos.izd-vo "Vysshaya shkola," 1961. 241 p. (MIRA 14:12)  
(Crystallography)

GRAVE, M.K., SHAGIROVA, I.M.

Geomorphology of the area of Kuybyshev Reservoir and supposed  
types of its future shores. Trudy Inst. geog. 79:3-33 '60.

(MIRA 13:8)

(Kuybyshev Reservoir--Coast changes)

LARIONOV, Anatoliy Konstantinovich; SHAGIROVA, I.M., red.;

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